

HistoricBridges.org - National Bridge Inventory Data Sheet

2019 Inventory

The National Bridge Inventory contains data submitted by state transportation departments to the Federal Highway Administration in coded format.

Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

Basic Information

Pennsylvania [42]		Columbia County [037]		Fishing Creek [26056]	VILLAGE OF FORKS	41-06-27.33 = 41.107592	076-21-42.99 = -76.361942
12631	Highway agency district:	3	Owner	State Highway Agency [01]	Maintenance responsibility	State Highway Agency [01]	
Route	0		SR 1020	Toll	On free road [3]	Features intersected	FISHING CREEK
Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi		
2	Stringer/Multi-beam or girder [02]	0	Other [00]	Year built	1955	Year reconstructed	1976
				Skew angle	13	Structure Flared	
				Historical significance	Bridge is not eligible for the NRHP. [5]		
Total length	38.4 m = 126.0 ft		Length of maximum span	18.3 m = 60.0 ft		Deck width, out-to-out	8.3 m = 27.2 ft
Inventory Route, Total Horizontal Clearance	7.4 m = 24.3 ft		Curb or sidewalk width - left	0.6 m = 2.0 ft		Curb or sidewalk width - right	0 m = 0.0 ft
Deck structure type	Open Grating [3]						
Type of wearing surface							
Deck protection							
Type of membrane/wearing surface							

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	22.7 metric ton = 25.0 tons
5.6 km = 3.5 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	73.5 metric ton = 80.9 tons
	Bridge posting	Equal to or above legal loads [5]	Design Load	

Functional Details

Average Daily Traffic	561	Average daily truck traffi	9	%	Year	2018	Future average daily traffic	701	Year	2032
Road classification	Local (Rural) [09]		Lanes on structure	2		Approach roadway width	7.3 m = 24.0 ft			
Type of service on bridge	Highway [1]		Direction of traffic	2 - way traffic [2]		Bridge median				
Parallel structure designation	No parallel structure exists. [N]									
Type of service under bridge	Waterway [5]		Lanes under structure	0		Navigation control				
Navigation vertical clearanc	0 = N/A		Navigation horizontal clearance	0 = N/A						
Minimum navigation vertical clearance, vertical lift bridge	0 m = 0.0 ft					Minimum vertical clearance over bridge roadway	99.99 m = 328.1 ft			
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]									
Minimum lateral underclearance on right	0 = N/A					Minimum lateral underclearance on left	0 = N/A			
Minimum Vertical Underclearance	0 = N/A		Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]						
Appraisal ratings - underclearances	N/A [N]									

Repair and Replacement Plans

Type of work to be performed	Work done by	Work to be done by owner's forces [2]		
Bridge rehabilitation because of general structure deterioration or inadequate strength. [35]	Bridge improvement cost	15000	Roadway improvement cost	50000
	Length of structure improvement	38 m = 124.7 ft	Total project cost	199000
	Year of improvement cost estimate			
	Border bridge - state		Border bridge - percent responsibility of other state	
	Border bridge - structure number			

Inspection and Sufficiency

Structure status	Open, no restriction [A]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructure	Satisfactory [6]	Appraisal ratings - roadway alignment	Better than present minimum criteria [7]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Meets minimum tolerable limits to be left in place as is [4]
Condition ratings - deck	Satisfactory [6]		
Scour	Bridge is scour critical; bridge foundations determined to be unstable. [3]		
Channel and channel protection	Bank protection is being eroded. River control devices and/or embankment have major damage. Trees and rush restrict the channel. [5]		
Appraisal ratings - water adequacy	Somewhat better than minimum adequacy to tolerate being left in place as is [5]	Status evaluation	
Pier or abutment protection		Sufficiency rating	62.7
Culverts	Not applicable. Used if structure is not a culvert. [N]		
Traffic safety features - railings			
Traffic safety features - transitions			
Traffic safety features - approach guardrail			
Traffic safety features - approach guardrail ends	Inspected feature meets currently acceptable standards. [1]		
Inspection date	January 2018 [0118]	Designated inspection frequency	24 Months
Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Not needed [N]	Fracture critical inspection date	
Other special inspection	Not needed [N]	Other special inspection date	